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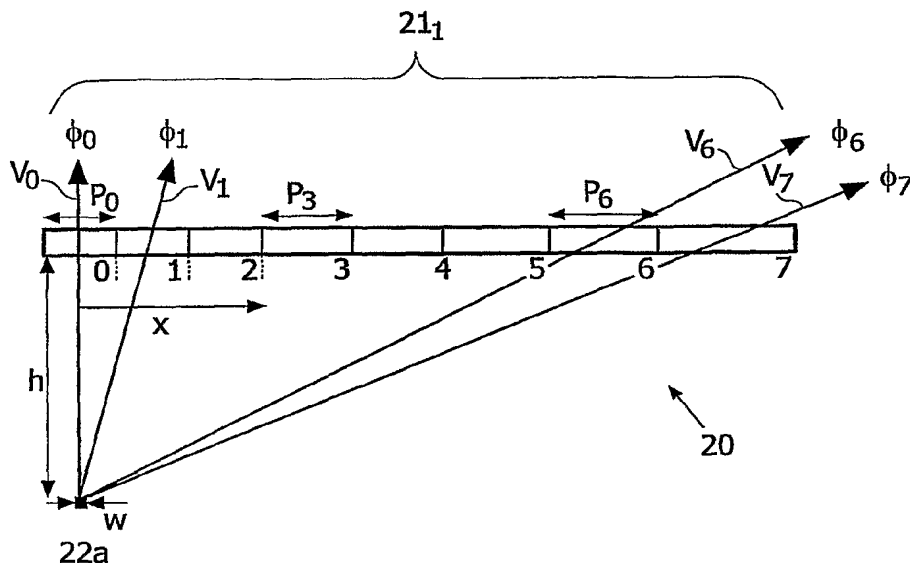
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(54) Title: IMPROVING IMAGE QUALITY IN A 3D IMAGE DISPLAY DEVICE



(57) Abstract: A display device for displaying a three dimensional image such that different views are displayed according to the viewing angle, the display device including a display panel having a plurality of separately addressable pixels for displaying said image. The pixels are grouped such that different pixels in a group correspond to different views of the image, each pixel in a group being positioned relative to a respective discrete light source, and pixel being separately controllable to vary an optical characteristic of each pixel to generate an image according to received image data. The pixel sizes within a group vary as a function of the viewing angle of the pixels with respect to the respective light source, so that the characteristics of the different views are independent of viewing angle.

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